



South Carolina Department of Health and Environmental Control

Southern Asphalt - Conway

Draft Synthetic Minor Air Construction Permit

January 11, 2018

Permitting History Southern Asphalt

- Construction permit issued February 21, 2006
 - Originally located in Darlington
 - November 21, 2006 permission granted to relocate to Grady Rd, Rains, SC
 - May 5, 2008 permission granted to relocate to current location 3470 Mt. Pisgah Cemetery Rd, Conway, SC
- Current Permit
 - General Conditional Major – Coverage issued August 5, 2013

New Permit

- Replacement of Asphalt Plant in Conway
 - Old Drum Mixer – 225 tons per hour
 - 75 MMBTU/hr burner
 - Fuels: Natural gas, No. 2 Fuel Oil, No. 4 Fuel Oil, No. 4 Spec. Oil
 - New Drum Mixer – 350 tons per hour
 - 100 MMBTU/hr low NOX burner
 - Fuels: No. 2 Fuel Oil and No. 4 Fuel Oil
 - New Baghouse
- Keeping two existing 200 ton asphalt Silos
- Replacing 1.41 MMBTU/hr hot oil heater with 1.8 MMBTU/hr hot oil heater burning propane only
- Additional Equipment: Cold Feed Bins, RAP Bins, Asphalt Tank, Lime Silo (new bin vent), Fuel Oil Tanks

Expected Emissions

- Particulate (PM, PM₁₀ and PM_{2.5})
- Nitrogen Oxide
- Sulfur Dioxide
- Carbon Monoxide
- Volatile Organic Compounds (VOC)
- Hazardous Air Pollutants (HAPs)

Production

Production Limits	Existing 225 TPH Plant	New 350 TPH Plant	Difference
Potential Based on 8,760 hours per year	1,971,000 tons HMA/yr	3,066,000 tons HMA/yr	+1,095,000
Limited Based on CO emissions less than 100 TPY	1,502,220 tons HMA/yr	1,500,100 tons HMA/yr	-2120
Limited Based on GCM	1,220,000 tons HMA/yr	1,220,000 tons HMA/yr	0

HMA – Hot Mix Asphalt

TPH – tons per hour

TPY – tons per year

yr – year

GCM – General Conditional Major

CONTACT US

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